

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/13563

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07C67/08 C07C69/24

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 474 996 A (HUELS CHEMISCHE WERKE AG) 18 March 1992 (1992-03-18) cited in the application the whole document	1-12
X	DATABASE WPI Section Ch, Week 199339 Derwent Publications Ltd., London, GB; Class A60, AN 1993-309881 XP002278667 & SU 671 223 A (DYSHLOVOI V I), 23 October 1992 (1992-10-23) abstract	1-12
X	EP 0 141 975 A (HUELS CHEMISCHE WERKE AG) 22 May 1985 (1985-05-22) page 2, line 1-32 claim 1	1-12

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"8" document member of the same patent family

Date of the actual completion of the international search

30 April 2004

Date of mailing of the international search report

07/06/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Goetz, G

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/13563

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0474996	A	18-03-1992	DE 4027639 A1	05-03-1992
			DE 59100505 D1	25-11-1993
			EP 0474996 A1	18-03-1992
			US 5177229 A	05-01-1993
SU 671223	A	23-10-1992	SU 671223 A1	23-10-1992
EP 0141975	A	22-05-1985	DE 3337101 A1	02-05-1985
			DE 3470733 D1	01-06-1988
			EP 0141975 A2	22-05-1985
			ES 8507458 A1	16-12-1985